

# Split System Submittal Data

**System: 30KHS82**

**Indoor/Outdoor: KHS3082/CH3082**

**Wall Mounted Heat Pump**

**SANYO**

Building Life.

Job Name: \_\_\_\_\_  
Location: \_\_\_\_\_  
Engineer: \_\_\_\_\_  
Submitted to: \_\_\_\_\_  
Submitted by: \_\_\_\_\_  
Reference: \_\_\_\_\_

Approval: \_\_\_\_\_  
Date: \_\_\_\_\_  
Construction: \_\_\_\_\_  
Unit #: \_\_\_\_\_  
Drawing #: \_\_\_\_\_



## General Data (at 230V)

Power	V/PH/Hz	230/208/1/60
Circuit Ampacity	(A)	16.5-18.0
Fuse Size, Max.	(A)	35

<b>Compressor</b>	DC Rotary Inverter
No. used	1
R.L. Amps - L.R.	(A) 16.5-31.0

## Outdoor Unit

Fan type	Propeller
Dia. (in.) - No. Speeds	19-9/32-1
Type Drive	DC Motor
No. Poles	(RPM) 8 - 750
No. Motors	(W) 1 - 142
CFM	(High) 2060
F.L. Amps	(A) 17.6/16.1

Coil Type	Aluminum Fin & Copper Pipe
Fin Type - Pipe Type	Slit Plate - Inner Rifled
Rows - F.P.I.	2-21.2
Face Area	(sq.ft.) 8.05
Tube Size	(in.) 3/8"

## Indoor Unit

Fan type	Cross Flow
Dia. & Length (in.) - No. Speeds	3 - 15/16 L32
No. Speeds	3
No. Poles	(RPM, High) 8 - 1370
No. Motors	(W) 47
CFM	(Hi/Med/Lo) 630/530/412
Indoor Sound Rating	(Hi) (dB-A) 49
F.L. Amps	(A) 0.4

Coil Type	Aluminum Plate Fin & Copper Tube
Fin Type - Pipe Type	Slit Plate - Inner Rifled
Rows - F.P.I.	2 - 19.5
Face Area	(sq.ft.) 4.55
Tube Size	(in.) 3/8"
Drain Connection Size	(in.) 1-1/4"

## Refrigerant

	R410A
Lbs. - R410a (outdoor unit)	6.5
Control	Electric Expansion Valve
Connection	Flare
Line Length, Max (ft.)	165
Lift Difference, Max (ft.)	50 (outdoor lower), 100 (outdoor higher)
Line Size	(in. O.D. Discharge) 3/8"
Line Size	(in. O.D. Suction) 5/8"

## Dimensions

	(in.)	H x W x D
Indoor Unit	(Uncrated)	11-3/16 x 41-15/16 x 9-1/16
	(Crated)	12-7/32 x 44-7/8 x 14-31/32
Outdoor Unit	(Uncrated)	35-13/16 x 37-1/32 x 13-3/8
	(Crated)	42-3/8 x 40 x 16-3/8

## Weight

		Indoor	Outdoor
Net	(lbs.)	32.0	185.2
Shipping	(lbs.)	39.7	207.2
Shipping Volume	(cu.ft.)	4.59	15.88

## Performance Data @ ARI Standard Conditions (230/208V)

### Cooling

Total Capacity	(BTU/H)	30,600 (10,900-30,600)
Sensible Capacity	(BTU/H)	18,600
Latent Capacity	(BTU/H)	12,000
SEER		16
Dehumidification	(Pints/H)	9.57
Amps	(A)	18-16.5
Power Inputs	(W)	3,290
Outdoor Sound Rating	(dB-A)	55

### Heating

Total Capacity	(BTU/H)	33,000 (14,000-33,000)
HSPF		9.0



# Dimensions

## Heating

Amps	(A)	15.3/16.8
Max. Amps	(A)	15.3/16.8
Power Inputs	(W)	3,070/3,070
Outdoor Sounds Rating	(dB-A)	55

## Options

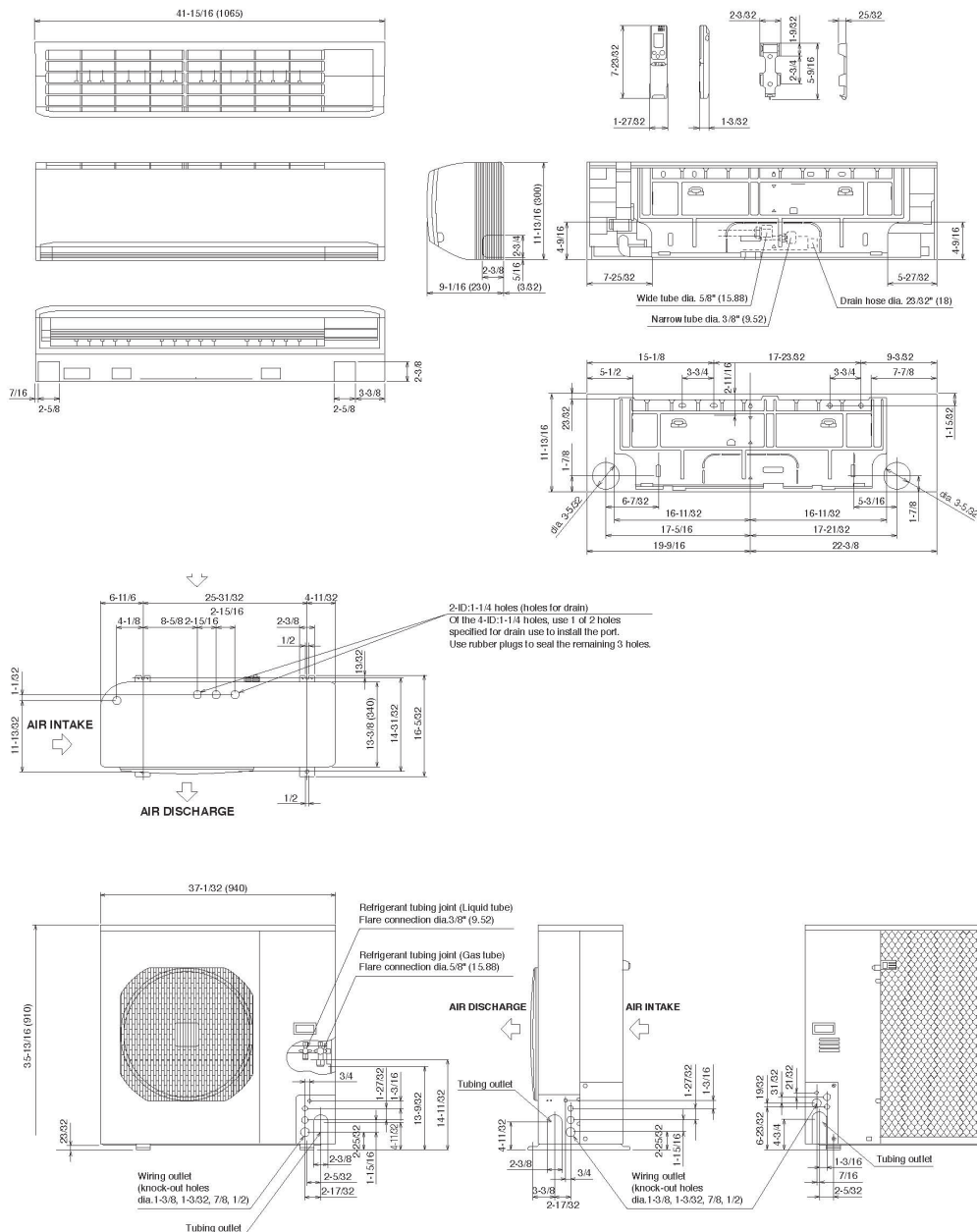
Refrigerant Line Set	Available
Fresh Air Intake	N/A
Air duct Extension	N/A
Indoor Frame Extension	N/A
Condensate Drain Pump	Available
Non-Removeable Remo-con Bracket	Available

## Features

Controls	Microprocessor
Remote Controller	LCD Wireless Type, Temp. Sensor Built In
Temperature Control	IC Thermostat
Timer	24 Hr. Program
Night Setback	Built-In
Air Louver	Manual
	Automatic
Power Failure Automatic Restart	Built-In
Heating/Cooling Automatic Changeover	Built-In
Self-Diagnosis	Built-In
Air Filter	

## Operating Range

	Indoor Air Intake Temp.	Outdoor Air Intake Temp.
Cooling		
Maximum	95F DB/71F WB	115F DB
Minimum	67F DB/57F WB	0F DB
Heating		
Maximum	80F DB/67F WB	75F DB/65F WB
Minimum	-DB/-WB	0F WB



**SANYO**

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